

AI+ Security: Level 2

Category: AI/ML | **Vendor:** AI Certs

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Language:	English
Delivery Format:	Instructor Led - Online
Certification:	AI+ Security: Level 2
Related Exam:	AI+ Security: Level 2

Course Overview

AI+ Security Level 2 offers professionals a thorough exploration of the integration of AI and Cybersecurity. Beginning with fundamental Python programming tailored for AI and Cybersecurity applications, participants delve into essential AI principles before applying machine learning techniques to detect and mitigate cyber threats, including email threats, malware, and network anomalies. Advanced topics such as user authentication using AI algorithms and the application of Generative Adversarial Networks (GANs) for Cybersecurity purposes are also covered, ensuring participants are equipped with cutting-edge knowledge. Practical application is emphasized throughout, culminating in a Capstone Project where attendees synthesize their skills to address real-world cybersecurity challenges, leaving them adept in leveraging AI to safeguard digital assets effectively.

About This Course

AI+ Security Level 2 offers professionals a thorough exploration of the integration of AI and Cybersecurity. Beginning with fundamental Python programming tailored for AI and Cybersecurity applications, participants delve into essential AI principles before applying machine learning techniques to detect and mitigate cyber threats, including email threats, malware, and network anomalies. Advanced topics such as user authentication using AI algorithms and the application of Generative Adversarial Networks (GANs) for Cybersecurity purposes are also covered, ensuring participants are equipped with cutting-edge knowledge. Practical application is emphasized throughout, culminating in a Capstone Project where attendees synthesize their skills to address real-world cybersecurity challenges, leaving them adept in leveraging AI to safeguard digital assets effectively.

Who Should Attend

Security Analyst

Prerequisites & Entry Requirements

General Prerequisites:

Basic Python Skills: Familiarity with Python basics, including variables, loops, and functions, **Basic Cybersecurity:** Basic understanding of cybersecurity principles, such as the CIA triad and common cyber threats, **Basic Machine Learning Awareness:** General awareness about machine learning, no technical skills required, **Basic Networking Knowledge:** Understanding of IP addresses and how the internet works, **Basic command line Skills:** Comfort using the command line like Linux or Windows terminal for basic tasks, **Interest in AI for Security:** Willingness to explore how AI can be applied to detect and mitigate security threats

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course Objectives

- AI-Driven Threat Detection
- Application of Machine Learning in Cybersecurity
- Enhanced User Authentication Methods
- AI-Enhanced Penetration Testing

📄 Certification Path

AI+ Security: Level 2

Exam: AI+ Security: Level 2

Additional Course Details

Step into the future of technology with industry-recognised certifications from AI Certs covering the full organisations AI certification requirements. Whether you're starting your journey or advancing your career, our expert-led training programs give you the skills to design, build, and manage AI solutions using leading platforms and technologies. Gain real-world knowledge, and the confidence to drive innovation in any industry.

Frequently Asked Questions

Q: What delivery options are available for AI+ Security: Level 2?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: What certification does this course prepare me for?

The AI+ Security: Level 2 course helps prepare you for the AI+ Security: Level 2 certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI+ Security: Level 2 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day AI+ Security: Level 2 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI+ Security: Level 2 training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI+ Security: Level 2?

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Security: Level 2. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for AI+ Security: Level 2?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI+ Security: Level 2 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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